



PTO/SB/21 (09-04)

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<h2 style="margin: 0;">TRANSMITTAL FORM</h2> <p style="font-size: small; margin: 5px 0;">(to be used for all correspondence after initial filing)</p>	Application Number	10/530,638	
	Filing Date	April 6, 2005	
	First Named Inventor	Andrew G. WILLIAMS	
	Art Unit	2132	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	6 + 15 Refs.	Attorney Docket Number	562492003900

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement (3 pages)  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD  <div style="border: 1px solid black; padding: 2px; width: fit-content;">Remarks</div>	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form PTO/SB/08a/b (2 pages)  2. Cited 18: Copies of 15 References Attached  3. Return Receipt Postcard

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MORRISON & FOERSTER LLP (Customer No. 20872)		
Signature			
Printed name	Robert A. Saltzberg		
Date	May 16, 2007	Reg. No.	36,910

<p style="font-size: x-small; margin: 0;">I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p>	
Dated: May 16, 2007	Signature:  (Ariana Sanchez)



SPW

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: May 16, 2007

Signature

(Ariana Sanchez)

*Ariana Sanchez*

Patent  
Docket No. 562492003900

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Andrew G. WILLIAMS et al.

Serial No.: 10/530,638

Filing Date: April 6, 2005

For: SYSTEM AND METHOD TO PROVIDE  
UMTS AND INTERNET  
AUTHENTICATION

Examiner: Not Yet Assigned

Group Art Unit: 2132

### INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of foreign documents and non-patent literature are submitted herewith. A copy of U.S. Patent Application No. 09/626,700 (document no. 11) on the attached Form PTO/SB/08a/b is not included herewith. This protocol conforms with the waiver of the requirement in the 37 CFR § 1.98 to provide copies of pending U.S. Patent Application. The Examiner is requested to make these documents of record.

Applicants would like to bring to the Examiner's attention to the fact that:

- US Patent No. 6,865,169-B1 (Item No. 2 on the attached Form PTO/SB/08a/b) is the US counterpart of European Patent No. EP-1098539-A2 (Item No. 3).
- US Patent Application No. 09/626,700 (Item No. 11) is the US counterpart of International Patent Publication No. WO-02/11467-A2 (Item No. 8).

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☒ **Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.**
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of \_\_ is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of \_\_ is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

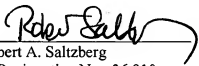
Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **562492003900**.

Dated: May 16, 2007

Respectfully submitted,

By   
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Substitute for form 1449/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	10/530,638	
			Filing Date	April 6, 2005	
			First Named Inventor	Andrew G. WILLIAMS	
			Art Unit	2132	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	562492003900

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1.	US-20020114274	08-22-2002	Sturges	
	2.	US-6,865,169-B1	03-08-2005	Quayle et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>2</sup> -Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
	3.	EP-1098539-A2	05-09-2001	IPWireless, Inc.		
	4.	GB-2369273-A	05-22-2002	IPWireless, Inc.		
	5.	GB-2376842-A	12-24-2002	IPWireless, Inc.		
	6.	GB-2394143-A	04-14-2004	IPWireless, Inc.		
	7.	WO-01/76297-A1	10-11-2001	Nokia Mobile Phones Ltd.		
	8.	WO-02/11467-A2	02-07-2002	IPWireless, Inc.		
	9.	WO-02/30056-A2	04-11-2002	Opuswave Networks, Inc.		
	10.	WO-04/034673-A1	04-22-2004	IPWireless, Inc.		

\*EXAMINER: Initialed if information considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
	11.	United States Patent Application No. 09/626,700, filed on July 27, 2000 for Jones, W.J. et al.		
	12.	Haverinen, H. et al. (December 2002) "Cellular Access Control And Charging For Mobile Operator Wireless Local Area Networks." <i>IEEE Wireless Communications</i> , IEEE Service Center, Piscataway, NJ, US, 9(6):52-60.		
	13.	"3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; 3G Security; Security Architecture," 3GPP TS 33.102 version 3.0.0, (1999-4), p. 1-55, accessed on < <a href="http://www.3gpp.org">http://www.3gpp.org</a> >.		
	14.	"3 <sup>rd</sup> Generation Partnership Project; Universal Mobile Telecommunications System; Mobile radio interface layer 3 specification; Core Network Protocols – Stage 3," 3GPP TS 24.008 version 3.1.0, (1999-40), p. 1-370, accessed on < <a href="http://www.3gpp.org">http://www.3gpp.org</a> >.		
	15.	"3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; 3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 1: General (Release 4)," 3GPP TS 35.205 version 3.0.0 (2001-04), p. 1-15, accessed on < <a href="http://www.3gpp.org">http://www.3gpp.org</a> >.		
	16.	"3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; 3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set		

Examiner Signature	/Steven Kelley/	Date Considered	01/14/2009
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sf-2263713

Substitute for form 1449/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			Application Number	10/530,638	
			Filing Date	April 6, 2005	
			First Named Inventor	Andrew G. WILLIAMS	
			Art Unit	2132	
			Examiner Name	Not Yet Assigned	
Sheet	2	of	1	Attorney Docket Number	562492003900

		for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document 2: Algorithm Specification (Release 4),* 3GPP TS 35 206, version 4.0.0 (2001-04), p. 1-32 accessed on < <a href="http://www.3gpp.org">http://www.3gpp.org</a> >.	
17.	<del>Search Report mailed on March 26, 2003, for GB Application No. 0222692.2, filed October 01, 2002, 2 pages.</del>		
18.	International Search Report mailed on February 02, 2004, for PCT Application No. PCT/GB/03/04315 filed October 08, 2003, 3 pages.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Examiner Signature		Date Considered	
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sf-2263713